

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 60141342
PUBLICATION DATE : 26-07-85

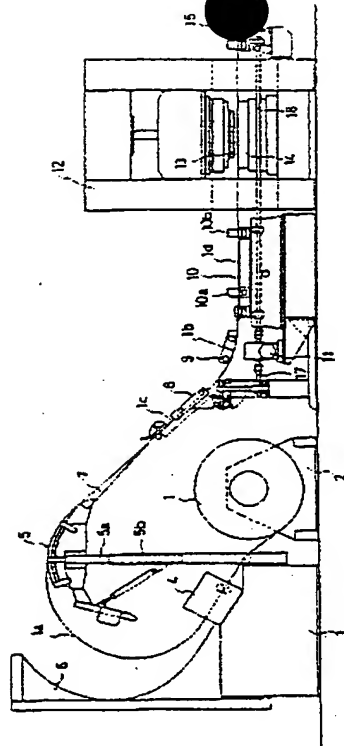
APPLICATION DATE : 28-12-83
APPLICATION NUMBER : 58245554

APPLICANT : ORII JIDOKI SEISAKUSHO:KK;

INVENTOR : OOSHIMA TOSHIMICHI;

INT.CL. : B21D 43/02 B30B 15/30 B65H 23/032
B65H 23/04

TITLE : TWO-DIMENSIONAL FEEDER OF COIL MATERIAL



ABSTRACT : PURPOSE: To move parallel a coil material between the inlet side and outlet side of a press and to improve the accuracy in the transverse feed by providing an X-Y feeder which feeds intermittently the coil material in the longitudinal and transverse directions on the inlet side of the press and an auxiliary guide mechanism which moves the remaining material of the coil material in the transverse direction on the outlet side of the press.

CONSTITUTION: An X-Y feeder 10 feeds longitudinally and transversely a coil material 1 at the same timing as the working timing of a press. A driving guide mechanism 8 and an auxiliary guide mechanism 15 move transversely the material 1 in synchronization with the transverse feed thereof. The coil material 1 is thus transversely moved in parallel between the inlet side and outlet side of the press 12 and therefore the transverse extent of the movement on the die of the press 12 is made exactly equal to the transverse feed rate by the feeder 10 by which the transverse feed accuracy is improved.

COPYRIGHT: (C)1985,JPO&Japio